

AMENDMENTS TO THE ABSTRACT

Please substitute the following paragraph(s) for the abstract now appearing in the currently filed specification:

An apparatus includes an edge width detection circuit (1)-which detects an edge portion of image data (~~DI~~)-and outputs an edge width (~~W~~)-of the detected edge portion, a ratio control amount generation circuit (2)-which generates a ration control amount (~~ZC~~)-in accordance with the edge width-~~(W)~~, a ratio generation circuit (3)-which generates a conversion ratio (~~Z~~)-in accordance with the ratio control amount-~~(ZC)~~, and a pixel number conversion circuit (4)-which performs a conversion of pixel number of the image data (~~DI~~)-using the conversion ratio-~~(Z)~~, thereby enhancing sharpness of the edge portion in proper quantities.